OLYMPUS Your Vision, Our Future

Details for µ DIGITAL 600

Details

- 6.0 million pixels
- BrightCapture Technology for better framing and better image results in low light including a special mode that reduces the possibility of image blur
- 6.4cm / 2.5” LCD
- Weatherproof* metal body in Navy Blue, Ruby Red & Arctic Silver
- High-precision 3x zoom lens (equiv. to 35-105mm in 35mm format) 1:3.1-5.1
- 23 scene modes (incl. Portrait, Beach and Snow, Night Scene and Underwater modes) plus Programme Auto
- TruePic TURBO image processor
- Movie function up to memory capacity
- Macro and Super Macro mode (from 7cm)
- PictBridge compatible
- Multi-language menu (English, French, German, Spanish, Italian, and Russian) plus possibility to download further languages from the internet through the Olympus Master software
- Special editing functions to enhance images and to add creative effects: e.g. red-eye-fix, adjust brightness, insert frame and/or title
- Supplied with Olympus Master Software
- Optional underwater case (PT-029) available

* weatherproof equivalent to the IEC standard publication 529 IPX4

The night owls’ choice: the Olympus µ DIGITAL 600 - Bright prospects for night-time shooting

While the early bird may catch the worm, it’s the night owl that gets to see most of the action. Most dinners, concerts and parties usually don’t get going before well into the evening hours. These are also typically the particularly fun and memorable times in life –

situations and experiences you want to capture as photos and savour over years to come. Yet often the image results leave much to be desired. Shots are frequently underexposed due to insufficient lighting or too intensely lit up by a flash – or even worse – the subject is only partially recorded due to framing difficulties in the dark conditions. But thankfully Olympus has created a camera with advanced low light capabilities for excellent image results no matter the conditions. The 6.0 million pixel µ DIGITAL 600 completely caters to the special needs of night-time revellers. Using the innovative BrightCapture Technology, this new model brings reliable, high-performance shooting directly to the next party, rock concert or candle-light dinner.

The µ DIGITAL 600 is a genuine bright spark on the digital camera scene. Its 6.0 million pixels and precision 3x zoom lens (equivalent to 35-105mm in 35mm format) help capture images in amazing quality. 23 scene modes are on board that cover just about any shooting situation such as portraits, landscapes or even for underwater shots (in conjunction with the optional Underwater Case). This weatherproof* model also gives users movie recording and the facility to take astonishing close-ups in Super Macro mode. Moreover, thanks to the Guide Function, which reveals the purpose and recommended use of the various camera functions directly on the huge 6.4cm LCD, the µ DIGITAL 600 is exceedingly easy to use.

However, the real coup of this stunning, ultra-compact model is its extraordinary night-time shooting ability that dramatically enhances the framing of compositions and the subsequent image results. Incorporation of BrightCapture Technology makes framing compositions under low light conditions a breeze. A mere 1/5th of the regular luminosity is required for clear depictions on the LCD – without this technology these views would otherwise be lost in darkness. BrightCapture Technology also provides better images in low light. Special scene modes like Indoor and Available Light Portrait use this technology. The result: better exposed images, lower risk of image blur, and with Available Light Portrait, it is even possible to shoot without a flash more often. This is especially helpful wherever flash usage is prohibited or in order to show warm light ambience, for example.

Ideal for night owls who want to capture the fun of the night, the PictBridge-compatible µ DIGITAL 600 comes in a choice of three colours – Navy Blue, Ruby Red and Arctic Silver. Easy to use, incorporating 6.0 million pixels and equipped with the innovative BrightCapture Technology, this latest camera is hard to top. It comes with the Olympus Master software and will hit the shelves in autumn this year.

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Specifications for µ DIGITAL 600

Specifications

Model		µ DIGITAL 600
Type		Digital camera with 6.4 cm/2.5” LCD monitor.
Colours		Arctic Silver, Navy Blue, Ruby Red.
Image sensor		
Image sensor		1/2.5’’ CCD with 6.4 million pixels.
Effective pixel number		6.0 million pixels (the actual number of pixels used in image processing).
Filter array		Primary colour filter (RGB).
Media		
Storage media type		Approx. 8 MB internal storage for images. Removable xD-Picture Card (16, 32, 64, 128, 256, 512MB and 1GB).
Lens		
	Optical zoom	3x.
	Structure	5 lenses in 3 groups, 3 aspherical lenses.
	Focal length	5.8 – 17.4mm (equivalent to 35 – 105mm lens in 35mm format).
	Maximum aperture	1:3.1 (wide) – 5.2 (tele).
Digital zoom		5x (15x seamless zoom when combined with optical zoom).

LCD monitor		6.4cm/2.5” TFT LCD monitor with 115,000 pixels. BrightCapture Technology: Improved live view especially in dark surroundings.
Focusing		
System		TTL autofocus with contrast detection.
Mode	Auto	iESP autofocus, spot autofocus.
Working range	Standard mode	0.5m – infinity.
	Macro mode	0.2m – infinity.
	Super Macro mode	From as close as 7cm.
Light metering		
Mode		Digital ESP metering, spot metering.
Function		Histogram in shooting and playback mode.
Exposure		
Exposure control		Programme AE.
		23 Scene modes (Portrait, Landscape with Portrait, Landscape, Sports, Night Scene, Night Scene with Portrait, Available Light Portrait, Cuisine, Beach & Snow, Self Portrait, Indoor*, Behind Glass, Museum, Document, Auction, Candle*, Sunset, Fireworks, Shoot & Select 1*, Shoot & Select 2, Underwater Wide 1, Underwater Wide 2, Underwater Macro).
Function		Mode to reduce Image Blur*.
Shutter speed		½ – 1/1000 sec (night scene up to 4 sec).
Exposure Compensation		+/- 2 EV with 1/3 EV steps.
Sensitivity		
	Auto	ISO 64 – 400 (ISO 2500* for modes Indoor, Available Light Portrait and Candle).
	Manual	ISO 64, 100, 200, 400, 800* and 1600* .
White balance		
Mode	Auto	Full-auto TTL ESP.
	Pre-set	Tungsten, overcast, sunlight, fluorescent light 1,2,3.
Flash		
	Modes	Auto (automatic activation in low and backlight), red-eye reduction,

		fill-in (forced activation), off (no flash).	
Built-in flash	Working range	Auto mode: Up to 2.5 m (Tele) / 4.0 m (Wide). With ISO 1600: Up to 5.0 m (Tele) / 8.0 m (Wide).*	
	Guide number	6.5	
Sequence shooting		Normal shooting mode	1.3 frames per sec. up to card capacity in HQ mode
		High speed shooting mode	4.3 frames per sec. up to card capacity*
Processing			
Image processing		TruePic TURBO, pixel mapping, noise reduction.	
Function shooting		Panorama function (only with optional Olympus xD-picture Card).	
Editing			
Still image edit		Re-size, Rotation, Black & White, Sepia, Red-eye fix, Frame insert, Title insert, Calendar insert, Correction of Brightness and Saturation.	
Motion picture edit		Index.	
Recording system			
Still image		JPEG (DCF: “Design rule for Camera File system”), Exif 2.2 support, DPS, Print Image Matching III support, DPOF support.	
Motion picture		QuickTime Motion JPEG®**.	
Number of storable frames (approx., with 8 MB internal memory)			
Still picture mode		2,816 x 2,112	SHQ: 2
			HQ: 5
		2,560 x 1,920	SQ1: 6
		2,272 x 1,704	SQ1: 8
		2,048 x 1,536	SQ1: 9
		1,600 x 1,200	SQ1: 12
		1,280 x 960	SQ2: 18
		1,024 x 768	SQ2: 28
		640 x 480	SQ2: 46
Motion picture mode		Up to memory card capacity. With internal memory: In SHQ (640 x 480 pixels at 15 frames/sec): 6 sec. In HQ (320 x 240 pixels at 15 frames/sec): 20 sec. In SQ (160 x 120 pixels at 15 frames/sec): 54	

		sec.
Power supply		
	Rechargeable battery	Rechargeable lithium-ion battery LI-12B.
	AC adapter	Optional AC adapter: D-7AC. AC 100V – 240V, 50 – 60Hz; DC 4.8V.
Interface		DC input terminal, USB and video multi terminal.
Other features		
DPOF setting		Single-frame print reservation, all print reservation, number of prints, date/time display.
Direct printing (DPS)		PictBridge support allows direct printing with compatible printers.
Multilingual menu		English / French / German / Spanish / Italian / Russian. Additional languages can be downloaded through OLYMPUS Master software from the Internet.
Guide function		Displays help text for several functions.
Weatherproof body		Camera is not damaged by water spray from any direction.
Self-timer		Yes.
Date/time/calendar system		Up to year 2099.
Size		
Dimensions		97x 55 x 26.5 mm.
Weight		128,5g (without battery and card).
Box contents		Strap, USB cable, video cable, rechargeable battery, charger, OLYMPUS Master 1.31.

Specifications and design are subject to change without notice. * due to usage of BrightCapture Technology Image size is fixed to 1,600 x 1,200.
** QuickTime Motion JPEG is a registered trademark of Apple Computer.

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Box Contents for µ DIGITAL 600

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This model comes with the following accessories:

Standard Box

- Camera
- Strap
- Rechargeable Lithium-ion battery Li-12B
- Battery charger
- USB cable
- Video cable
- OLYMPUS MASTER (Software CD-ROM)
- Instruction manuals
- Warranty card

Box Contents may vary locally and are subject to change without further notice.